

NEURAL NETWORK-BASED EXTENSION OF GLOBAL POSITION TIMING

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ABSTRACT OF THE DISCLOSURE

A wireless communication system (20) includes a base station controller (22) that receives timing information from a data set (26) that is generated by a neural network (28). The data set (26) allows for generating timing information based upon previous time information received from a GPS (24) and in one example, is capable of covering a time interval of up to two weeks during which effective communication with the GPS may be interrupted. In one example, the data set is continuously updated so that the base station controller (24) continuously has up to two weeks of future time information available.

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